IN THE CLAIMS

Claims 1-8. (Cancelled)

9. (New) A continuous method for constructing a cDNA library immobilized with complementary DNA comprising:

a. immobilizing dT oligonucleotide on a first support;

b. hybridizing total RNA from a sample to the modified first support;

c. treating the first support with reverse transcriptase enzyme to construct a DNA library on said first support;

d. cleaning the first support and separating the first support from a solution containing mRNA;

b11 e. hybridizing the separated mRNA on a replica support and immobilizing oligo dT nucleotide on said replica support;

f. constructing a cDNA library on said replica support;

g. treating the replica support with reverse transcriptase enzyme;

h. washing the replica support; and separating ~~the replica support from a solution containing mRNA; and~~

i. repeating steps (e) through (h) to obtain the

desired number of replica supports.

10. (New) A continuous method for constructing a gDNA library comprising:

a. obtaining gDNA from tissue by treating a sample of tissue with reverse transcriptase;

b. hybridizing an antisense portion of an oligonucleotide on a first support and treating the first support with a restriction enzyme;

c. ligating a gDNA library to the first support, immobilizing a perfect sense portion of restriction enzyme on said first support;

d. cleaning the first support;

e. adding fresh reaction solution and heating to a temperature of 90°C and maintaining this temperature of about 10-20 minutes;

f. separating the first support from a solution containing gRNA at 90°C to form an original support;

g. hybridizing the gRNA library on a replica support, immobilizing a sense portion o oligonucleotide having a restriction enzyme;

h. constructing a gDNA library on said replica support using a DNA polymerase reaction;

i. discharging the reaction solution formed and cleaning the replica support;

j. adding a fresh reaction solution and heating the solution to 90°C and maintaining this temperature for about 10-20 minutes;

k. separating the replica support from the solution containing mRNA; and

l. repeating steps (g) through (k) to obtain a library of replica supports.

11. (New) A continuous method for constructing a single-stranded gDNA library comprising:

a. dehybridizing an anti-sense portion from the support produced according to claim 10;

b. synthetically immobilizing a sense portion on a support using the anti-sense portion obtained in step (a).

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12. (New) The method according to claim 11 wherein the support has been previously chemically modified with a nucleoside or an oligo nucleotide.